

STN

10/7 27, 253

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(FILE 'HOME' ENTERED AT 09:32:48 ON 09 SEP 2004)

FILE 'STNGUIDE' ENTERED AT 09:32:54 ON 09 SEP 2004

FILE 'HOME' ENTERED AT 09:32:59 ON 09 SEP 2004

FILE 'CA' ENTERED AT 09:33:40 ON 09 SEP 2004

FILE 'REGISTRY' ENTERED AT 09:33:47 ON 09 SEP 2004

E ALOE VERA/CN

L1 1 S E4

FILE 'CA' ENTERED AT 09:34:38 ON 09 SEP 2004

E BEEES, OLAF CORNELIS/IN

E BEERS OLAF CORNELIS/IN

L2 6 S E2-E5

E HAFKAMP RUDOLFUS JOHANNES/IN

L3 8 S E2, E4

L4 722 S (HERB? OR EXTRACT# OR ALOE) (P) (ADSORB? OR ABSORB? OR

IMPREGNA

L5 375 S (HERB? OR EXTRACT# OR ALOE) (P) (ADSORB? OR ABSORB? OR

IMPREGNA

L6 3 S ALOE(W)VERA(P) (ADSORB? OR ABSORB? OR IMPREGNAT? OR  
SORBED) (P)L7 7 S ALOE(P) (ADSORB? OR ABSORB? OR IMPREGNAT? OR  
SORBED) (P) (CARRIE

L8 4 S L7 NOT L6

L9 368 S (HERB? OR EXTRACT#) (P) (ADSORB? OR ABSORB? OR IMPREGNAT? OR  
SOL10 16 S L9 AND (DETERGENT# OR DETERSIVE OR TENSIDE# OR SURFACTANT  
ORL11 52 S ALOE AND (DETERGENT# OR DETERSIVE OR TENSIDE# OR LAUNDRY OR  
DL12 169 S ALOE(P) (CARRIER OR INORGANIC OR SULFATE OR SULPHATE OR  
CARBONL13 1622 S (HERBS OR HERBAL OR EXTRACT#) (P) (CARRIER OR INORGANIC OR  
SULF

L14 14 S L13 AND (DETERGENT OR LAUNDRY OR LAUNDERING)

L15 1 S (HERBS OR HERBAL) (P) EXTRACT#(P) (CARRIER OR INORGANIC OR  
SULFA

L16 5 S L4 AND DETERGENT#

L17 0 S L4 AND (LAUNDRY OR LAUNDERING OR WASHING MACHINE OR CLOTHES)

L18 0 S L5 AND (LAUNDRY OR LAUNDERING OR WASHING MACHINE OR CLOTHES)

L19 0 S (HERBS OR HERBAL) (P) EXTRACT#(P) (CLAY OR HECTORITE OR  
SMECTITEL20 134 S (HERBS OR HERBAL OR EXTRACT#) (P) (CLAY OR HECTORITE OR  
SMECTIT

FILE 'USPATFULL' ENTERED AT 10:45:21 ON 09 SEP 2004

L21 76 S L7

L22 158 S L17

=&gt;

3 ALOE(W)VERA(P) (ADSORB? OR ABSORB? OR IMPREGNAT? OR SORBED) (P) (CA  
RRIER OR INORGANIC OR SULFATE OR SULPHATE OR CARBONATE OR  
BICARB  
ONATE OR ASH OR CLAY)

=> d 1-3 16 ti

L6 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI A sunburn treatment and sunburn prevention method

L6 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI Perfumed compositions and methods for reducing body odors and excess  
moisture

L6 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI Cyclodextrin compositions for reducing body odors and excess moisture

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=> d 1-3 16 hit

L6 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN

AB The present invention is directed to a treatment for sunburn and a method for preventing sunburn. One aspect of this invention involves a sunburn treatment comprising one or more polypeptides with an amino acid sequence including KPV (SEQ. ID. NO. 1), MEHFRWG (SEQ. ID. NO. 2), HFRWGKPV (SEQ. ID. NO. 3), or SYSMEHFRWGKPV (SEQ. ID. NO. 4) for the treatment of the cutaneous inflammation caused by exposure to UV radiation. The polypeptides are at a level to effectively treat the cutaneous inflammation and are carried by a **carrier**. The one or more polypeptides can also be a dimer formed from any of the amino acid sequences above. In one preferred embodiment of the invention, the one

or

more polypeptides are used to prevent sunburn. In another preferred embodiment, the one or more polypeptides are dissolved in a **carrier**. In another preferred embodiment, the **carrier** includes **aloe vera** and lidocaine hydrochloride. In another preferred embodiment of the invention, the one or more polypeptides are dissolved in a liquid that is associated with an **absorbent** material for application to sunburned skin.

L6 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN

AB The present invention relates to a perfumed powder, odor and optionally moisture **absorbing** composition, which is safe for use on skin comprising from about 0.1 % to about 25 %, by weight of the composition,

of

uncomplexed cyclodextrin; from about 5 % to about 60 %, by weight of the composition, of a highly effective moisture **absorber**; a perfume composition selected from the group consisting of from about 0.05 % to

about 15

%, by weight of the odor **absorbing** composition, of an encapsulated perfume, and from about 0.01 % to about 5 % by weight of the odor **absorbing** composition of a free perfume, and mixts. thereof, and a powder **carrier**. The compns. of the present invention may also contain an addnl. odor controlling agent selected from the group consisting of zeolite, activated charcoal, sodium **bicarbonate**, antimicrobial agents, and antiperspirants. A composition was prepared

containing

corn starch 35.55, silica 10.00, Mg **carbonate** 8.00, Ca silicate 20.00, fumed silica 5.00, Zn phenolsulfonate 3.00, triclosan 0.20, Nylon 12 3.00, Zn stearate 3.00,  $\beta$ -cyclodextrin 3.00, **Aloe vera** freeze/spray dried 0.10, tocopheryl acetate microcapsules 2.00, dipropylene glycol 2.00, perfume 0.15, and Dimethisone 5.00

weight%.

L6 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN

AB The present invention relates to a perfume-free powder, odor **absorbing** composition, which is safe for use on skin comprising 0.1-25% by weight of the composition, of uncomplexed cyclodextrin and a powder **carrier**. The present invention also relates to a powder odor and moisture **absorbing** composition which addnl. comprises from about 5-60%, by weight of the composition, of a highly effective moisture **absorber**. The compns. of the present invention may also contain addnl. odor controlling agents selected from the group consisting of zeolites, activated charcoal, sodium **bicarbonate**, antimicrobial agents, and antiperspirants. The present invention also relates to the

use of these compns. in reducing body odor and excess moisture on occluded

skin sites. Thus, a formulation contained corn starch 52.20, talc 10.00, silica (microspheres) 3.00, fumed silica 1.00, zinc phenolsulfonate 3.00, triclosan 0.30, cyclodextrin 13.00, **Aloe vera** (freeze/spray dried) 0.50, Nylon-12 5.00, zinc stearate 3.00, tocopheryl acetate microcapsules 2.00, mineral oil 2.00, and Dimethicone 5.00%.

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=> d 1-3 16

L6 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN  
AN 137:222061 CA  
TI A sunburn treatment and sunburn prevention method  
IN Lipton, James M.  
PA Zengen, Inc., USA  
SO PCT Int. Appl., 22 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002069884	A2	20020912	WO 2001-US51090	20011029
	WO 2002069884	A3	20040219		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2000-704327	A	20001101		

L6 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN  
AN 130:57027 CA  
TI Perfumed compositions and methods for reducing body odors and excess moisture  
IN Peterson, Liezl Gonzales; Trinh, Toan; Lafleur, Patricia Alison  
PA The Procter & Gamble Company, USA  
SO PCT Int. Appl., 30 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9856340	A1	19981217	WO 1998-US11811	19980608
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5861143	A	19990119	US 1997-871092	19970609
	US 5861144	A	19990119	US 1997-871856	19970609
	US 5861146	A	19990119	US 1997-871861	19970609
	AU 9878256	A1	19981230	AU 1998-78256	19980608
	EP 988025	A1	20000329	EP 1998-926412	19980608
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	TR 9902993	T2	20000522	TR 1999-9902993	19980608

BR 9810429	A	20000919	BR 1998-10429	19980608
JP 2002504118	T2	20020205	JP 1999-503030	19980608
NO 9906052	A	20000207	NO 1999-6052	19991208
PRAI US 1997-871092	A	19970609		
US 1997-871790	A	19970609		
US 1997-871856	A	19970609		
US 1997-871861	A	19970609		
WO 1998-US11811	W	19980608		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN  
AN 129:8441 CA  
TI Cyclodextrin compositions for reducing body odors and excess moisture  
IN Peterson, Liezl Gonzales; Lafleur, Patricia Alison  
PA Procter and Gamble Co., USA  
SO PCT Int. Appl., 21 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9818439	A1	19980507	WO 1997-US19262	19971027
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5780020	A	19980714	US 1996-736838	19961028
	US 5885599	A	19990323	US 1996-739091	19961028
	AU 9749183	A1	19980522	AU 1997-49183	19971027
	BR 9712449	A	19991019	BR 1997-12449	19971027
	EP 954276	A1	19991110	EP 1997-911917	19971027
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	CN 1307467	A	20010808	CN 1997-199199	19971027
	JP 2002515890	T2	20020528	JP 1998-520612	19971027
	NO 9901895	A	19990628	NO 1999-1895	19990421
	KR 2000052842	A	20000825	KR 1999-703676	19990427
PRAI	US 1996-736838	A	19961028		
	US 1996-739091	A	19961028		
	WO 1997-US19262	W	19971027		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> d 1-4 l8 ti

L8 ANSWER 1 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Topical compositions containing zinc oxide

L8 ANSWER 2 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Mud packs containing heat-resistant clays, and method and apparatus for manufacture of the clays

L8 ANSWER 3 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Isolation and Characterization of a Bioactive Mannose-Binding Protein  
from  
the Chinese Chive *Allium tuberosum*

L8 ANSWER 4 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Wet wipes containing sodium pyrrolidinecarboxylate and mineral component

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FILE 'REGISTRY' ENTERED AT 09:33:47 ON 09 SEP 2004

E ALOE VERA/CN

L1 1 S E4

FILE 'CA' ENTERED AT 09:34:38 ON 09 SEP 2004

E BEEES, OLAF CORNELIS/IN

E BEERS OLAF CORNELIS/IN

L2 6 S E2-E5

E HAFKAMP RUDOLFUS JOHANNES/IN

L3 8 S E2, E4

L4 722 S (HERB? OR EXTRACT# OR ALOE) (P) (ADSORB? OR ABSORB? OR  
IMPREGNA

L5 375 S (HERB? OR EXTRACT# OR ALOE) (P) (ADSORB? OR ABSORB? OR  
IMPREGNA

L6 3 S ALOE(W)VERA(P) (ADSORB? OR ABSORB? OR IMPREGNAT? OR  
SORBED) (P)

L7 7 S ALOE(P) (ADSORB? OR ABSORB? OR IMPREGNAT? OR  
SORBED) (P) (CARRIE

=> s 17 not 16

L8 4 L7 NOT L6

=> d 1-4 18 ti

L8 ANSWER 1 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Topical compositions containing zinc oxide

L8 ANSWER 2 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Mud packs containing heat-resistant clays, and method and apparatus for  
manufacture of the clays

L8 ANSWER 3 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Isolation and Characterization of a Bioactive Mannose-Binding Protein  
from  
the Chinese Chive Allium tuberosum

L8 ANSWER 4 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Wet wipes containing sodium pyrrolidinecarboxylate and mineral component

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=> d 3 110

L10 ANSWER 3 OF 16 CA COPYRIGHT 2004 ACS on STN  
AN 139:26343 CA  
TI Cosmetic bath composition based on herbs and a foaming agent and its  
nonwoven packaging  
IN Campagnoli, Antonio  
PA Zeca S.R.L., Italy  
SO Eur. Pat. Appl., 7 pp.  
CODEN: EPXXDW

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 1319396	A1	20030618	EP 2002-11164	20020521
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRAI IT 2001-PC40 A 20011217

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L11 ANSWER 17 OF 52 CA COPYRIGHT 2004 ACS on STN  
 AN 137:110502 CA  
 ED Entered STN: 15 Aug 2002  
 TI Deodorant bactericides from plant extracts for laundering fabrics in one  
 step and application of the deodorant bactericides for laundering fabrics  
 IN Inoue, Masaharu; Koganei, Takashi; Kubota, Hitoshi  
 PA Kankyo Kagaku Kaihatsu K. K., Japan; S. T. Chemical Co. Ltd.  
 SO Jpn. Kokai Tokkyo Koho, 4 pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese  
 IC ICM D06M013-00  
 CC 40-9 (Textiles and Fibers)  
 Section cross-reference(s): 46

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002212877	A2	20020731	JP 2001-8366	20010117
PRAI	JP 2001-8366		20010117		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 2002212877	ICM	D06M013-00

AB The deodorant bactericides contain  $\geq 1$  or  $\geq 2$  plant exts. (A)  
 from **aloe**, beefsteak plant, carrot, Phellodendron amurense,  
 Saxifraga umbrosa, lavender, tea, butterbur, bamboo grass, and mug wort,  
 or the deodorant bactericides contain 1-80% A exts. and 0.1-10%  
 surfactants. Fabrics are laundered by adding the deodorant bactericides  
 to the rinsing water during the step of rinsing the fabrics. Ten cotton  
 towels were washed with a **detergent** in a laundering machine and  
 rinsed with a solution containing 40 L H<sub>2</sub>O and 10 mL aqueous solution  
 containing 60% plant

extract mixture comprising **aloe** extract, beefsteak plant extract, carrot  
 extract, Phellodendron amurense extract, Saxifraga umbrosa extract,  
 lavender extract,  
 tea extract, butterbur extract, bamboo grass extract, and mug wort  
 extract and 2%  
 surfactant to give towels exhibiting deodorant rating (1 no odor, 3 foul  
 odor) 1.

ST plant ext deodorant bactericide garment laundering; **aloe** ext  
 deodorant bactericide garment laundering; beefsteak plant ext deodorant  
 bactericide garment laundering; carrot ext deodorant bactericide garment  
 laundering; Phellodendron amurense ext deodorant bactericide garment  
 laundering; lavender ext deodorant bactericide garment laundering; tea

ext  
 deodorant bactericide garment laundering; mug wort ext deodorant  
 bactericide garment laundering; bamboo grass ext deodorant bactericide  
 garment laundering

IT Surfactants  
 (additives; deodorant bactericides from plant exts. for laundering  
 fabrics in one step and application of the deodorant bactericides for  
 laundering fabrics)

IT Antibacterial agents  
 Clothing  
 Deodorants  
 Laundering  
 Tea (Camellia sinensis)

Textiles

(deodorant bactericides from plant exts. for laundering fabrics in one step and application of the deodorant bactericides for laundering fabrics)

IT **Aloe** (genus)

Artemisia

Bamboo

Beefsteak plant

Daucus carota

Lavandula

Petasites

Phellodendron amurense

Saxifraga umbrosa

(exts.; deodorant bactericides from plant exts. for laundering fabrics in one step and application of the deodorant bactericides for laundering fabrics)

IT Household furnishings

(towels; deodorant bactericides from plant exts. for laundering fabrics

in one step and application of the deodorant bactericides for laundering fabrics)

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L11 ANSWER 29 OF 52 CA COPYRIGHT 2004 ACS on STN  
 AN 133:336897 CA  
 TI Fabric care compositions comprising polysaccharides for addition to the wash to restore worn and faded colored fabric  
 IN Barnabas, Mary Vijayarani; Barnabas, Freddy Arthur; Showell, Michael Stanford; Smets, Johan  
 PA The Procter & Gamble Company, USA  
 SO PCT Int. Appl., 101 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000065014	A1	20001102	WO 2000-US11016	20000425
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1173535	A1	20020123	EP 2000-928348	20000425
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 2000010587	A	20020205	BR 2000-10587	20000425
	JP 2002543302	T2	20021217	JP 2000-614352	20000425
	US 6613733	B1	20030902	US 2001-937261	20010924
PRAI	US 1999-131287P	P	19990427		
	WO 2000-US11016	W	20000425		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 31 OF 52 CA COPYRIGHT 2004 ACS on STN  
 AN 133:168165 CA  
 TI **Detergent** mixtures containing esterquats and **aloe** for cleansing hair and delicate textiles  
 IN Weuthen, Manfred; Fabry, Bernd; Blasquez, Jose Fernandez; Pi Subirana, Rafael  
 PA Cognis Deutschland G.m.b.H., Germany  
 SO PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000045788	A1	20000810	WO 2000-EP531	20000125
	W: US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	DE 19904513	A1	20000810	DE 1999-19904513	19990204
	EP 1148868	A1	20011031	EP 2000-910607	20000125
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

US 6494920 B1 20021217 US 2001-890693 20011102  
PRAI DE 1999-19904513 A 19990204  
WO 2000-EP531 W 20000125

OS MARPAT 133:168165

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 34 OF 52 CA COPYRIGHT 2004 ACS on STN  
AN 132:196148 CA  
TI **Dishwashing detergent** compositions containing plant  
extracts for protecting skin form allergy and eczema  
IN Cha, Kyung-On  
PA LG Chemical Ltd., S. Korea  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 37 pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	CN 1191890	A	19980902	CN 1997-109535	19970227
PRAI	CN 1997-109535		19970227		

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L11 ANSWER 47 OF 52 CA COPYRIGHT 2004 ACS on STN  
 AN 118:24144 CA  
 ED Entered STN: 24 Jan 1993  
 TI Cleaning composition and method of its preparation  
 IN Sikharulidze, N. G.; Dzhabua, B. D.; Bakhtadze, E. I.; Tskhakaya, N. Sh.;  
 Mchedlishvili, K. M.; Vashakidze, N. G.  
 PA "Gruzgornokhimprom" Industrial Enterprises, USSR  
 SO U.S.S.R.  
 From: Izobreteniya 1992, (3), 95-6.  
 CODEN: URXXAF

DT Patent  
 LA Russian  
 IC ICM C11D003-14  
 ICI C11D003-14, C11D001-12  
 CC 46-6 (Surface Active Agents and Detergents)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 1707058	A1	19920123	SU 1988-4623280	19880920
PRAI	SU 1988-4623280		19880920		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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SU 1707058	ICM	C11D003-14
	ICI	C11D003-14, C11D001-12

AB The title composition comprises C11-17 alkylsulfonate (I) 2.8-3.6, calcite 38.0-41.0, Na<sub>2</sub>CO<sub>3</sub> 4.0-6.0, fragrance 0.1-0.3, and addnl. C6-16 sec-alkyl sulfate (II) 3.2-4.4, biol. active exts. of **aloe** 0.2-0.3 and Artemisia 0.2-0.3, and natural zeolite balance. The mass ratio of II:I is (1.14-1.22):1, the ratio of zeolite to calcite is 1:(1.15-1.28), and the particle size of the latter ingredients is 55-100 µm. The composition is prepared by mixing calcite with Na<sub>2</sub>CO<sub>3</sub>, heating the mixture at 70-80°, adding the surfactant-fragrance blend with the constant stirring, then the biol. active **aloe** and Artemisia exts., and finally zeolite.

ST cleaning compn alkylsulfonate alkyl sulfate; calcite carbonate alkyl sulfate **detergent**; **aloe** ext cleaning compn; Artemisia ext cleaning compn

IT Artemisia  
 (exts. from **aloe** and, cleaning composition containing alkylsulfonates and sec-alkyl sulfates and,)

IT **Aloe** (genus)  
 (exts. from Artemisia and, cleaning composition containing alkylsulfonates and sec-alkyl sulfates and,)

IT Sulfonates  
 RL: USES (Uses)  
 (alkane, C11-17, cleaning compns., containing sec-alkyl sulfates and, **aloe** and Artemisia exts. in)

IT **Detergents**  
 (cleaning compns., containing alkylsulfonates and sec-alkyl sulfates, **aloe** and Artemisia exts. in)

IT 7664-93-9D, Sulfuric acid, C6-16 sec-alkyl esters  
 RL: USES (Uses)

L11 ANSWER 49 OF 52 CA COPYRIGHT 2004 ACS on STN  
 AN 112:237266 CA  
 ED Entered STN: 23 Jun 1990  
 TI Stain remover for clothing  
 IN Hirose, Heihachi; Hashino, Teruo; Hirose, Masakiyo  
 PA Japan  
 SO Jpn. Kokai Tokkyo Koho, 3 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 IC ICM C11D017-00  
 ICS C11D007-60  
 ICA D06L001-00  
 ICI C11D007-60, C11D007-44, C11D007-26, C11D007-42  
 CC 46-6 (Surface Active Agents and Detergents)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02024400	A2	19900126	JP 1988-176170	19880713
PRAI	JP 1988-176170		19880713		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 02024400	ICM	C11D017-00
	ICS	C11D007-60
	ICA	D06L001-00
	ICI	C11D007-60, C11D007-44, C11D007-26, C11D007-42

AB A stain remover contained an **aloe** extract 50, CM-cellulose 13.9, benzoic acid 0.1, propylene glycol 10, AS10 (a protease) 2, orange oil 20, and glycerin 4%.  
 ST stain remover clothing  
 IT **Aloe** barbadensis  
 (extract, stain remover containing, for clothing)  
 IT **Detergents**  
 (cleaning compns., stain removers, containing **aloe** extract)  
 IT Oils, essential  
 RL: USES (Uses)  
 (orange, sweet, stain remover containing, for clothing)  
 IT 56-81-5, Glycerin, uses and miscellaneous 57-55-6, 1,2-Propanediol, uses  
 and miscellaneous 65-85-0, Benzoic acid, uses and miscellaneous 9001-92-7, Protease 9004-32-4  
 RL: USES (Uses)  
 (stain remover containing, for clothing)

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L11 ANSWER 50 OF 52 CA COPYRIGHT 2004 ACS on STN  
 AN 111:60051 CA  
 ED Entered STN: 20 Aug 1989  
 TI **Detergents** and soaps containing **aloe** and herbs  
 IN Morita, Yasumasa  
 PA Japan  
 SO Jpn. Kokai Tokkyo Koho, 2 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 IC ICM C11D003-382  
 ICS C11D009-38  
 ICA A61K007-00; A61K007-50  
 CC 46-6 (Surface Active Agents and Detergents)  
 Section cross-reference(s): 62  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01104700	A2	19890421	JP 1987-262458	19871017
PRAI	JP 1987-262458		19871017		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 01104700	ICM	C11D003-382
	ICS	C11D009-38
	ICA	A61K007-00; A61K007-50

AB **Detergents** contained Na edetate, perfumes, **aloe**, and herbs.

ST **aloe** sodium edetate herb **detergent**

IT **Detergents**

(containing sodium edetate and **aloe** and herbs)

IT **Aloe** (genus)

Herb

(**detergents** and soaps containing)

IT 64-02-8, Sodium edetate

RL: USES (Uses)

(**detergents** containing **aloe** and herbs and)

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L12 ANSWER 63 OF 169 CA COPYRIGHT 2004 ACS on STN

AN 133:224687 CA

ED Entered STN: 06 Oct 2000

TI Dishwashing detergent composition

IN Cha, Kyung-on; Park, Seung-kyu; Kang, Yun-suk

PA Lg Chemical Co., Ltd., S. Korea

SO Repub. Korea, No pp. given

CODEN: KRXXFC

DT Patent

LA Korean

IC ICM C11D010-02

ICS C11D011-00

CC 46-3 (Surface Active Agents and Detergents)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	KR 9702053	B1	19970221	KR 1994-33260	19941208
PRAI	KR 1994-33260		19941208		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
KR 9702053	ICM	C11D010-02
	ICS	C11D011-00

AB A dishwashing detergent is prepared by adding the extract of **aloe** and sponge cucumber, 0.1:10 wt% to the general or mild detergent. The extract of

**aloe** contains aloin, emodin, and aloetic acid. The extract of sponge cucumber contains saponins and elatericans. The general detergent is prepared by mixing anionic surfactant (straight chain alkylbenzenesulfonate, alc. ethoxy **sulfate** or M-olefinic sulfonate) with nonionic surfactant (fatty acid alkanol amide). The mild detergent is prepared by mixing anionic surfactant (alc. ethoxy **sulfate**, alc. **sulfate**), nonionic surfactant (alkylamine oxide) and zwitterionic surfactant (betaine).

ST dishwashing detergent compn; aloe ext dishwashing detergent compn; sponge cucumber ext dishwashing detergent compn

IT Surfactants

(anionic and nonionic; dishwashing detergent composition containing exts. of

aloe and sponge cucumber)

IT Aloe (genus)

Detergents

Luffa cylindrica

(dishwashing detergent composition containing exts. of aloe and sponge cucumber)

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L12 ANSWER 67 OF 169 CA COPYRIGHT 2004 ACS on STN  
 AN 133:155410 CA  
 ED Entered STN: 01 Sep 2000  
 TI Process for preparing Aloe vera-containing tablets  
 IN Kim, Hee-sun; Seo, Hang-won; Lee, Byung-soon; Bang, Sung-mo  
 PA Pacific Co., Ltd., S. Korea  
 SO Repub. Korea, No pp. given  
 CODEN: KRXXFC  
 DT Patent  
 LA Korean  
 IC ICM A61K009-20  
 ICS A61K035-78  
 CC 63-6 (Pharmaceuticals)  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI KR 9604016	B1	19960325	KR 1992-24172	19921214
PRAI KR 1992-24172		19921214		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
KR 9604016	ICM	A61K009-20
	ICS	A61K035-78

AB The vitamin **aloe** vera tablet is produced by (a) mixing  
**Aloe** vera powder with a solution containing vitamin C, an organic acid,  
 i.e. citric acid, succinic acid, fumaric acid, malic acid or tartaric acid and  
 deionized water, granulating the mixture, (b) drying the granules at  
 40-60° and crushing them to obtain fine granules, (c) mixing the  
 fine granules with Chlorella extract powder, brown rice germ, beer yeast,  
 calcium phosphate, crystalline cellulose, natural tocopherol, green  
 tea extract,  
 vitamin B1 and B2, etc, (d) mixing the granules with sodium  
**bicarbonate** and magnesium stearate, and (e) tableting the mixture  
 ST tablet Aloe vera powder vitamin  
 IT Chlorella  
 (extract; tablets containing Aloe vera powder and vitamin C and  
 addnl. agents)  
 IT Rice (Oryza sativa)  
 (germ; tablets containing Aloe vera powder and vitamin C and addnl.  
 agents)  
 IT Tea products  
 (green, extract of, Green tea extract; tablets containing Aloe vera  
 powder and  
 vitamin C and addnl. agents)  
 IT Aloe barbadensis  
 Brewers' yeast  
 (tablets containing Aloe vera powder and vitamin C and addnl. agents)  
 IT Tocopherols  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (tablets containing Aloe vera powder and vitamin C and addnl. agents)  
 IT Drug delivery systems  
 (tablets; tablets containing Aloe vera powder and vitamin C and addnl.  
 agents)  
 IT 50-81-7, Vitamin C, biological studies 59-43-8, Vitamin B1, biological  
 studies 77-92-9, biological studies 83-88-5, Vitamin B2, biological  
 studies 87-69-4, biological studies 110-15-6, Butanedioic acid,

biological studies 110-17-8, Fumaric acid, biological studies  
6915-15-7 9004-34-6, Cellulose, biological studies 10103-46-5,  
Calcium  
phosphate  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(tablets containing Aloe vera powder and vitamin C and addnl. agents)

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L12 ANSWER 77 OF 169 CA COPYRIGHT 2004 ACS on STN  
 AN 132:54591 CA  
 ED Entered STN: 21 Jan 2000  
 TI Skin-care antimicrobial bubble bath preparations  
 IN Wang, Zuoxiang; Liang, Juzhong; Zhang, Liqun; Yang, Shufeng  
 PA Pharmaceutical Factory, Medicine Institute, Yunnan, Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 4 pp.  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese  
 IC ICM C11D003-48  
 ICS A61K007-50  
 CC 62-4 (Essential Oils and Cosmetics)  
 Section cross-reference(s): 11  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1169466	A	19980107	CN 1996-108610	19960622
PRAI	CN 1996-108610		19960622		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
CN 1169466	ICM	C11D003-48
	ICS	A61K007-50

AB The title bubble bath preps. are manufactured from plant extract (such as extract of

liquorice, **aloe**, motherwort, ginseng, etc.) 0.1-40, disinfectant (such as sorbic acid, Na benzoate, salicylic acid, boric acid, etc.) 0.1-25, mineral material (such as **sulfate**, **carbonate**, silicate, etc.) 0.1-80, surfactant (such as SDS, cetyl tri-Me ammonium chloride, etc.) 0.1-20, perfumes 0.1-15, and colorants 0.1-2 g.

ST antimicrobial bubble bath prepn medicinal plant

IT Natural products, pharmaceutical

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(aloe, exts.; skin-care antimicrobial bubble bath preps.)

IT Aloe barbadensis

Ginseng (Panax)

Licorice (Glycyrrhiza)

Motherwort

(exts.; skin-care antimicrobial bubble bath preps.)

IT Plant (Embryophyta)

(medicinal, exts.; skin-care antimicrobial bubble bath preps.)

IT Antimicrobial agents

Bath preparations

(skin-care antimicrobial bubble bath preps.)

IT 69-72-7, Salicylic acid, biological studies 110-44-1, Sorbic acid

112-02-7, Cetyl trimethyl ammonium chloride 144-55-8, Sodium

bicarbonate, biological studies 151-21-3, SDS, biological studies

532-32-1, Sodium benzoate 1319-41-1, Saponite 3812-32-6, Carbonate,

biological studies 7487-88-9, Magnesium sulfate, biological studies

10043-35-3, Boric acid, biological studies 12627-13-3, Silicate

14808-79-8, Sulfate, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(skin-care antimicrobial bubble bath preps.)

L12 ANSWER 102 OF 169 CA COPYRIGHT 2004 ACS on STN

AN 129:40402 CA

ED Entered STN: 18 Jul 1998

TI Preservation of Aloe extracts

IN Oohama, Tadahiro

PA Oohama, Tadahiro, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A23L002-52

ICS A23L001-212; A23L001-304; A23L002-02; A23L002-38; A61K035-78

CC 17-6 (Food and Feed Chemistry)

Section cross-reference(s): 62, 63

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10146177	A2	19980602	JP 1996-318542	19961115
PRAI	JP 1996-318542		19961115		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 10146177	ICM	A23L002-52
	ICS	A23L001-212; A23L001-304; A23L002-02; A23L002-38; A61K035-78

AB An **Aloe** extract is treated with **zeolite**, and it is mixed with active cations released from the **zeolite** which lowers the redox elec. potential of the **Aloe** extract The solution is filtered and sterilized to give a stable **Aloe** extract

ST **Aloe** ext stabilization cation **zeolite**

IT Zeolites (synthetic), biological studies

RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses)  
(cations; preservation of **aloe** exts. with **zeolite** cations)

IT **Aloe** (genus)  
(preservation of **aloe** exts. with **zeolite** cations)

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L12 ANSWER 139 OF 169 CA COPYRIGHT 2004 ACS on STN

AN 106:72729 CA

ED Entered STN: 07 Mar 1987

TI Clay compositions for beauty and health

IN Wakita, Sunao

PA Japan

SO Jpn. Kokai Tokkyo Koho, 2 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-00

ICS A45D044-22; A61K009-70; A61K033-24; A61K035-78; A61N001-00;  
C04B033-13

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61275207	A2	19861205	JP 1985-114683	19850528
PRAI	JP 1985-114683		19850528		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 61275207	ICM	A61K007-00
	ICS	A45D044-22; A61K009-70; A61K033-24; A61K035-78; A61N001-00; C04B033-13

AB **Clay** compns. for beauty and health consist of clays, minerals (Ge, Ge compds.), and **Aloe** exts. Thus, pulp 210, CaCO<sub>3</sub> 280, **bentonite** 70, a paste 35, preservatives 3.5, H<sub>2</sub>O 103.3, **Aloe** exts. 250, GeCl<sub>2</sub> 0.2, EtOH 35, and perfumes 13 g were mixed to give a **clay** composition for beauty and health.

ST **clay** compn health beauty; germanium **clay** compn health beauty; **Aloe** ext **clay** compn beauty health

IT **Bentonite**, biological studies

RL: BIOL (Biological study)

(**clay** compns. containing **Aloe** extract and germanium and, for beauty and health)

IT **Aloe** (genus)

(exts., **clay** compns. containing germanium compds. and, for beauty and health)

IT Clays, biological studies

RL: BIOL (Biological study)

(**Aloe** extract and germanium-containing, for beauty and health)

IT Cosmetics

(face masks, **Aloe** exts. and germanium compds. in)

IT 1310-53-8, uses and miscellaneous 7440-56-4, Germanium, uses and miscellaneous 10038-98-9, Germanium chloride

RL: USES (Uses)

(**clay** compds. containing **Aloe** exts. and, for beauty and health)

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=> d 1-5 116 ti

L16 ANSWER 1 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI Aqueous activated components conveyed in a non-aqueous carrier system

L16 ANSWER 2 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI Surfactant blend of organosilicone and surfactants

L16 ANSWER 3 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI Cleaning composition and method of its preparation

L16 ANSWER 4 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI Plastic masses and colloidal solutions as **detergents**

L16 ANSWER 5 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI Advances in the Fat, Soap and Candle Industry in 1907

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